Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CH7988/LeA 36,377	Serial No. 10/751,623	
	F PRIOR ART CITED BY APPLICANT se Several Sheets If Necessary)	Applicant Wolfgang Ebenbeck et al		
	•	Filing Date January 5, 2004	Group	

					IIS PAT	ENT DOCUMENTS				
	AMINER		DOCUMENT NUM		DATE	NAME	CLASS	SUBCLASS	FILING IF AF	PP
Y KA	10785.	AA	3,899,496		08/12/75	Schindler et al	260	293.51		
RA	2004 2	АВ	4,925,939		05/15/90	Watanabe	544	251		
8 0.	Či,	AC								
WE T	ADEMA	AD								
		AE	: 							
		AF								
		AG							<u> </u>	
		АН								
		AI		-		<del></del>				_
		AJ								_
L	<del></del>	AK			DEIGN D	ATENT DOCUMENTS	<u> </u>			_
!		DOC	CUMENT NUMBER	DAT		COUNTRY	CLASS	SUBCLASS	TRANSL Yes	_ 수
RA	AL	34999	3	11/15/60 German		many (Abstract Attached)				I
	АМ									Ι
	AN		·							
	AO					· · · · · · · · · · · · · · · · · · ·				
	AP		OTUED DE C			A				L
		Ī	DATABASE CHE	MABS '	incluaing Online! C	Author, Title, Date, Pe HEMICAL ABSTRACT	S SERVICE	, Etc.) COLMBUS O	HIO. US	
RA KUKHAR, V.P. ET AL: "Polychic trichloromethylamines with tricy: Database accession no. 78:123 9(2), 305-8 CODEN: ZORKAE;		olychloro h tricyano '8:12397	alkylamines. V. Reacti omethane derivatives" 3 *Zusammenfassung	on of 1,1-dich XP00228482 & ZHURNAL	loro- and 1,1,1 8 gefunden im ORGANICHE	STN				
	AS									_
	AT									_
EXAM	IINER	/Rebecca Anderson/		DATE CONSIDERED 11/02/			/2006			

Neither English Language Equivalent nor an English Language Translation is available.

\sr\S:\Chem Pittsburgh\Law Shared\SHARED\DVE\PATENTS\7988\7988 1449-addtional.doc

Form PTO 1449 U.S. Department of Commerce Rev, 7-80 Patent and Trademark Office					Atty. Docket No.	Atty. Docket No. Serial No. CH7988/LeA 36,377 10/751,623					
Rev. 7-80 Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)						Applicant		10/751,025			
		(Use			i		Wolfgang Ebenbeck	et al			
JUL 3 0 2004 (3)					Filing Date January 5, 2004		Group				
			RANCES AND THE PROPERTY OF THE		U.S.	PATE	NT DOCUMENTS				<del></del> ,
	CAMINER	1		<u> </u>		1		<u> </u>		FILING	G DATE
	INITIAL	ļ <u>.</u>	DOCUMENT NUM	MBER	D,	ATE	NAME	CLASS	SUBCLASS		PPRO- IATE
	RA	AA	2,859,245		11/4/	58	Smith	260	544		, <u> </u>
	RA	АВ	3,092,637	<u> </u>	6/4/6	3	Brown	260	326.5		
	RA	AC	3,221,007		11/30	)/65	Shen	260	210		
_	RA	AD	3,976,691		08/24	1/76	Middleton	260	544 F		
1	RA	AE	4,497,937		02/05	5/85	Bel. to corresp. to EP van der Klooster et al	90448 525	333.1		
		1					Bel. to corresp. to EP	905109	1 500.1		
	RA	AF	6,080,886		06/27	7/00	Lal et al	560	227		
	RA	AG	6,222,064		04/24	/01	Bel. to corresp. to EP Lal et al	905109 560	227		
	RA	АН	6,329,529		12/11	/01	Bel. to corresp. to EP Sonoda et al	895991 548	300.1		
	RA RA	AI	6,458,990				Bel. to corresp. to EP Sonoda et al	895991 560	219		
	MA.	AJ	6,632,949		10/14	/03	Bel. to corresp. to EP Sonoda et al	895991 548	300.1		
R	A	AK					Bel. to corresp. to EP	895991			
		] AN	2002/0042521		04/11 OREIG		Sonoda et al ENT DOCUMENTS	548	300.1		
•								CLASS			
		DO	CUMENT NUMBER	DAT	ΤE		COUNTRY		SUBCLASS	TRANSL Yes	
_		•		<del> </del>						Yes	No*
	AL										
	AM		<del></del>								
	AN	_									
	AO										
	AP										
			OTHER PRIOR	RART (	Includ	ding Au	thor, Title, Date, Per	<u>tinent Pages,</u>	Etc.)		
RA			J. Fluorine Chem.	, 42, (m	nonth	<u>unavail</u>	able), 1989, pgs 137	<u>'-143, P. A. N</u>	lessina et al,	'Aminosı	ılfur
	AR			Trifluoroides: Relative Thermal Stability[1]"							
RA_	AS		J. Fluorine Chem., 23, (month unavailable), 1983, pgs 219-228, W. Dmowski et al, "Dialkyl-α,α-						α-		
RA			Organia Basetiana	oifluorobenzylamines and Dialkyl(Trifluoromethyl)-Amines - Novel Fluorinating Reagents" Organic Reactions, 21, (month unavailable), 1974, pgs 158-162, "The Fluoroalkylamine Reagen							
r.n	_AT		Organic Reactions	s, ∠ I, (r	HONIN	unavai	iable), 1974, pgs 15	<u>5-16∠, "ING F</u>	-iuoroalkylam	ne Keag	ent"
EXAM	INER	/R	ebecca Anderson/				DATE CONSIDERED	11/02/200	)6		
EXAN	INER Initia	l if refe	rences considered, who	ether or n	ot cital	ion is in o	conformance with MPEP (	609: Draw line th	rough if not in co	nformance	and
	not considered. Include copy of this form with next communication to applicant.										

Neither English Language Equivalent nor an English Language Translation is available.

/jme/

S:\Chem Pittsburgh\Law Shared\SHARED\DVE\PATENTS\7988\7988 1449.doc

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CH7988/LeA 36,377	Serial No. 10/751,623	
	F PRIOR ART CITED BY APPLICANT se Several Sheets If Necessary)	Applicant Wolfgang Ebenbeck et al		
		Filing Date January 5, 2004	Group	

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATI IF APPRO- PRIATE
RA	AA	2003/0004348	01/02/03	Bel. to corresp. to EP Sonoda et al	895991 544	334	
•	АВ		ļ	·		<u> </u>	<u> </u>
	AC				<u> </u>		
-,,	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL Yes	ATION No*
AL							
АМ							
AN							
AO	<u>.</u>		·				
AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Collection of Czechoslovak Chemical Communications, Bd. 28, Nr. 8, (month unavailable),1963,

AR

RA

Pgs. 2047-2051, Gbacademic Press, London, Z. Arnold, "Synthetic Reactions of Dimethylformamide. XIX. Preparation of α,α-Difluorotrimethylamine and Some of its Reactions" XP002274540

Nouveau J. De Chemie, 1(5), (month unavailable) 1977, pgs. 371-372, Coden: NJCHD4; ISSN:

O398-9836, A. Colens et al, "Reactivity and Synthetic Potential of α-Fluoro- and α-lodoenamines" XP0008028796

Zeitschrift Fuer Anorganische und Allgemeine Chemie, 537, (month unavailable), 1986, p. 63-78, Coden: ZAACAB; ISSN: 0044-2313, D. J. Brauer et al, "Synthesis, Vibrational Spectra, and Crystal

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

/jme/

S:\Chem Pittsburgh\Law Shared\SHARED\GRA\PATENTS\7988\7988 1449.doc

Form PTO 1449 Rev. 7-80		U.S. Department of Commerce Patent and Trademark Office RIOR ART CITED BY APPLIC		Atty. Docket No. Serial No. CH7988/LeA 36,377 10/751,623				
, LIS		Several Sheets If Necessary)	ANI.	Applicant Wolfgang Ebenbeck et al				
•		•		Filing Date January 5, 2004		Group		
			U.S. PATEN	IT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE	
	AA							
	АВ							
	AC					<u> </u>		
	AD							
	AE							
<u> </u>	AF							
	AG							
	АН							
	AI		,	····				
	LA							
	AK							
		FO	<b>REIGN PAT</b>	ENT DOCUMENTS	<b>3</b>			

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION
				<u></u>		Yes	No*
AL	·						
AM							
AN				L.			
AO							
AP			·				
	OTHER PRIOR	ART (Includ	ling Author Title Date Perting	ent Dagge	Etc.\		

		OTHER PRIOR ART (Including Author	or, Title, Date, Pertinent Pages, Etc.)						
			(month unavailable), 1982, p.1369-1378, Coden:						
	AR	PJCHDQ; ISSN: 0137-5083, W. Dmows	ki et al, "Reactions of N,N-Dialkylbenzamides with Sulfur						
RA		Tetrafluoride. Formation of Dialkyl-α,α-D							
		J. Fluorine Chem., Bd. 109, Nr. 2, (mont	th unavailable) 2001, Seiten 173-181, Chelsevier Sequoia,						
	AS	Lausanne, G. Bissky et al, "Generation of	Lausanne, G. Bissky et al, "Generation of Heteroarylium-N-Diffuoromethylides and Heteroaryl-N-						
RA		Difluoromethyl Anions and their Reaction	Difluoromethyl Anions and their Reactions with Electrophiles: Heteroaryl- and Heteroarylium-N-						
		Difluoromethyl Trimethylsilanes and a new Heteroaryl-N-Trifluoromethane" XP002274541							
	•	Bulletin of the Academy of Sciences of the	he URRS. Division of Chemical Science, Bd. 30, Nr. 4,						
RA	AT	October 10, 1981, pgs. 639-642, US Consultants Bureau, NY, I. L. Knunyants et al, "α-							
Fluoroalkylamines, A New Source of Unhydrated Fluoride Ion" XP002274542									
EXAM	EXAMINER /Rebecca Anderson/		DATE CONSIDERED 11/02/2006						
L		·	<b>,,</b>						

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

/jme/

S:\Chem Pittsburgh\Law Shared\SHARED\GRA\PATENTS\7988\7988 1449.doc